



State of Montana

**Department of Public Health and Human
Services**

2012 Agency Biennial IT Report Fiscal Year 2011-2012

August 2012

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EXECUTIVE SUMMARY

To support our mission to improve and protect the health, safety, and self-sufficiency of all Montanans, the Department of Public Health and Human Services (DPHHS) continued to make significant investments in information technology during the previous biennium. Our systems and the data they collect and manage are mission critical for the programs they support. Responsibility for these systems lies within the Technology Services Division (TSD), which is charged with system development and maintenance, procurement, project management, and network and telecommunications services. These IT services play a vital role in enabling the Department to promote healthy people and healthy communities.

DPHHS has made significant progress in reaching the goals and objectives outlined in our 2010 Agency IT Plan. Technology is constantly changing and improving which requires goals and objectives that are flexible enough to meet needs as they arise. Based on this, many Department objectives are ongoing by design. The following accomplishments highlight our efforts toward these goals and objectives:

- The Department initiated a project for the design, development and implementation of a new Medicaid Management Information System (MMIS).
- The Department is 85% complete with the design, development and implementation of its eligibility systems and enterprise architecture project (CHIMES-SNAP, CHIMES-TANF, CHIMES-EA). Go-live is set for October 2012. If this project continues as it has it will be completed on time and within budget.
- The Department completed the move of its systems and network equipment and operations to the State of Montana Data Center.
- The Department implemented a NIST-based security program including assessment of existing systems and included in the requirements for current and future system development projects.
- The Department implemented a Document Management System for the scanning and electronic storage and retrieval of case file documents in all its offices of public assistance.
- The Department implemented a public web portal that allows citizens to apply for public assistance online.
- The Department will implement its first enterprise architecture platform which includes an enterprise service bus (ESB) and several web service layers with the implementation of the CHIMES-EA systems.
- The Department is continuing to expand the use of collaboration tools (i.e., WebEx and SharePoint).

In addition to the goals and objectives, our 2010 Agency IT Plan contained 44 initiatives. The table below summarizes the status of these initiatives.

Initiative Status	Total	Fully Funded	Not Funded	Partially Funded
Completed	9	9		
Substantially Completed	3	3		
Deferred	6		6	
Delayed	0			
Cancelled	4	1	3	
On-going	22	22		

Per the SITSD guidelines for this report, it is important to note that the 2010 goals, objectives, and initiatives in this report are stated exactly as they appeared in the 2010 DPHHS IT Plan. The accomplishments and status, along with any explanatory notes, that are documented in this report reflect the current progress of those planned goals, objectives and initiatives.

SECTION 1: AGENCY IT PLAN ACCOMPLISHMENTS – GOALS & OBJECTIVES

Goal Number 1:

IT Goal 1 Use information technology to support and enhance DPHHS program service delivery and increase efficiencies.

Description: Information technology is an essential tool used to support and improve DPHHS program service delivery. The DPHHS will continue to look for ways in which information technology can add value to its business functions. Examples include document management, document imaging, system integration, web-based applications, internet portals, and public/provider access.

Benefits: Increased efficiency and effectiveness in performing DPHHS business functions.

This DPHHS IT goal supports the following State IT Goals:

- Goal 1: Involve communities of interest with common and/or related business objectives in information technology strategic plans.
- Goal 2: Implement common business applications and shared services across governmental units.
- Goal 4: Protect individual privacy and the privacy of information contained within IT systems.

Supporting Objective/Action

Objective 1-1 Develop, maintain and enhance DPHHS IT systems to meet changing business needs and policies at the State and federal levels.

Accomplishments: Examples are the implementation of the CHIMES-EA systems (95%); integration of HMK into CHIMES-Medicaid (100%); Document Management System (100%); MT Connections (100%).

Status: On-going

Supporting Objective/Action

Objective 1-2 Plan to replace legacy systems that have reached end-of-life.

Accomplishments: CHIMES-EA design, development and implementation (95%); MMIS design, development and implementation (10%); MACWIS Planning (85%).

Status: On-going

Supporting Objective/Action

Objective 1-3 Implement electronic records management at the enterprise level.

Accomplishments: Document Management System (DMS), currently implemented for Public Assistance Programs (100%) to allow scanning and electronic storage of all case file information.

Status: On-going

Supporting Objective/Action

Objective 1-4 Department systems will be designed to allow for GIS functionality.

Accomplishments: Incorporated GIS requirements into Department overall business requirements which have been included in recent procurements (100%).

Status: On-going

Supporting Objective/Action

Objective 1-5 Expand use of collaboration tools (WebEx, SharePoint) Department-wide in support of programs and projects.

Accomplishments: Continue to implement and expand use of SharePoint throughout the Department to serve both operational and project based needs for the enterprise.

Status: On-going

Supporting Objective/Action

Objective 1-6 Expand eGovernment Services.

Accomplishments: Phase 1 of Montana Connections, a public website for online application for public assistance, was implemented for PDF-based electronic submission to Offices of Public Assistance. Phase 2 of Montana Connections will integrate the online application directly into CHIMES-EA, thus eliminating the data entry step by the worker. (95%).

Status: On-going

Goal Number 2:

IT Goal 2 Ensure that information technology resources are efficient, responsive, cost-effective and available when needed.

Description: DPHHS must acquire and maintain the adequate number, type, and quality of IT resources needed to support its systems. IT resources including staff, hardware and software tools, must be maintained at the appropriate levels to adequately provide this support. IT resources must be responsive and provide the required availability and redundancy in a cost-effective manner.

Benefits: Increased efficiency, cost-effectiveness, responsiveness, availability and redundancy of IT resources to support DPHHS business functions.

This DPHHS IT goal supports the following State IT Goals:

- Goal 1: Involve communities of interest with common and/or related business objectives in information technology strategic plans.
- Goal 2: Implement common business applications and shared services across governmental units.
- Goal 3: Create quality jobs and a favorable business climate.
- Goal 4: Protect individual privacy and the privacy of information contained within IT systems.

Supporting Objective/Action

Objective 2-1 Install, maintain and enhance servers, databases, networks, and personal computers.

Accomplishments: Transitioned Department data center assets to the State of Montana Data Center (100%). Virtualization on DPHHS platforms (100%). Established a normalized 5-year replacement plan for well managed and cost efficient replacement of 3100 PCs and laptops agency-wide (100%).

Status: On-going

Supporting Objective/Action

Objective 2-2 Develop a continuity of operations plan (COOP)

Accomplishments: The Department is participating in the COOP project managed by the Department of Administration.

Status: On-going

Supporting Objective/Action

Objective 2-3 Build system redundancy.

Accomplishments: The Department plans to move SAN and other redundant platforms to the Miles City Data Center when it is online.

Status: On-going

Supporting Objective/Action

Objective 2-4 Hire, train and retain a skilled IT workforce at appropriate levels.

Accomplishments: In the last biennium the Department has successfully hired several key technology staff at both the senior and entry level. The Department is working with Human Resources to accurately classify positions and create career ladders. The Department has invested significantly in training its programming and network staff in the latest IT tools, methods, and practices.

Status: On-going

Supporting Objective/Action

Objective 2-5 Increase energy efficiency of IT infrastructure.

Accomplishments: The Department has fully transitioned to the State of Montana Data Center (100%). Virtualization on DPHHS platforms (100%).

Status: On-going

Supporting Objective/Action

Objective 2-6 Continue to create project management tools and templates to be used across the Division.

Accomplishments: The Project Management Bureau (PMB), DPHHS' PMO, is actively involved in the State's PMOAG and is participating in the creation and use of statewide standards.

Status: On-going

Goal Number 3:

IT Goal 3 Implement common business functions across the Department via an Enterprise Architecture.

Description: Create an Enterprise Architecture plan that leverages State (Conceptual Architecture Plan) and federal (Medicaid Information Technology Architecture) guidelines and initiatives will allow systems to maximize their functionality and increase efficiencies and effectiveness.

Benefits: Increase the value of the Department's investment in information technology by defining an Enterprise Architecture that allows systems to maximize their function and data through re-use and sharing.

This DPHHS IT goal supports the following State IT Goal:

- Goal 1: Involve communities of interest with common and/or related business objectives in information technology strategic plans.
- Goal 2: Implement common business applications and shared services across governmental units.

Supporting Objective/Action

Objective 3-1 Implement new systems within Service Oriented Architecture.

Accomplishments: With the production implementation of the CHIMES-EA systems in October 2012, the Department will establish its first enterprise architecture platform, which includes an ESB and several

service layers (95%). The Department will continue to build on this platform by encouraging reuse of shared services and by incorporating SOA requirements in future IT procurements.

Status: On-going

Supporting Objective/Action

Objective 3-2 Implement an Enterprise Service Bus.

Accomplishments: With the production implementation of the CHIMES-EA systems in October 2012, the Department will establish its first enterprise architecture platform, which includes an ESB and several service layers (95%).

Status: Substantially Completed – the Department will continue to leverage this and its web system layers.

Supporting Objective/Action

Objective 3-3 Implement Decision Support Systems.

Accomplishments: The Department is in the planning phase to implement decision support systems that will provide program performance measurement and reporting in the next biennium.

Status: On-going

Goal Number 4:

IT Goal 4 Develop and Implement a National Institutes of Standards and Technology (NIST) Based Security Program

Description: DPHHS systems and data are a critical and valuable resource that is required for the continued success of program business functions. Access to this data and these systems must be appropriate, allowing access only for those with a legitimate need-to-know. Data must be available but protected from both deliberate and accidental theft or destruction

Benefits: Ensure the confidentiality, integrity and availability of DPHHS data allows DPHHS to provide services to Montana citizens.

This DPHHS IT goal supports the following State IT Goal:

- Goal 4: Protect individual privacy and the privacy of information contained within IT systems.

Supporting Objective/Action

Objective 4-1 Ensure security of DPHHS data.

Accomplishments: The Department is implementing a NIST-based security program, which includes on-going risk assessment of existing systems. In addition, NIST security standards are included in requirements for all system development and implementation projects.

Status: On-going

Supporting Objective/Action

Objective 4-2 Ensure privacy of DPHHS data.

Accomplishments: The Department is creating a security program that includes policies, processes and technology to ensure protected health information (PHI) and personally identifiable information (PII) is protected on the network and within systems.

Status: On-going

Supporting Objective/Action

Objective 4-3 Ensure availability of DPHHS systems.

Accomplishments: The Department is implementing systems on state-of-the-art multi-tier platforms contained within the State of Montana Data Center (SMDC), hosted on both DPHHS and SMDC hosted platforms. The Department plans to make use of the Miles City Data Center for redundancy.

Status: On-going

Supporting Objective/Action

Objective 4-4 Ensure integrity of DPHHS data.

Accomplishments: The Department continues to implement data integrity controls and assurance through the use of a modern application and database technologies and practices.

Status: On-going

SECTION 2: IT INITIATIVES STATUS UPDATES

1. MMIS Replacement

Description: Montana is writing a request for proposal (RFP) to replace the current MMIS system with a new system using updated technology. Montana's current MMIS system is mainframe CICS/VSAM and utilizes COBOL legacy language that has been in operation since 1985. The system was previously updated in 1997 and certified by CMS in 1998. Due to the old technology and data integrity of our existing system, the Department finds it necessary to update the current MMIS with a system using the most current technology in order to increase the accuracy and timeliness of processing claims. This system processes claims for Medicaid, Children's Health Insurance Plan (CHIP) and Mental Health Services Plan (MHSP).

MBARS EPP Number: NA **MBARS IT Number:** 237

Status: On-going – An RFP was completed, posted and used to select a vendor, and a contract was signed in February 2012. A 35-month project to design, develop, and implement a new MMIS for Montana is now underway.

Funding: Funded

2. TANF Eligibility System Replacement (CHIMES-TANF)

Description: The Temporary Assistance for Needy Families (TANF) eligibility system project will replace the TANF component of The Economic Assistance Management system (TEAMS), a mainframe-based system currently used in the eligibility determination, benefit distribution and program administration for the Supplemental Nutrition Assistance Program (SNAP) and TANF programs. In the face of ever growing federal changes to the TANF program, increased requirements for safeguarding security and confidentiality, and aging technology, it is no longer cost-effective to attempt to meet future business needs with TEAMS enhancements.

MBARS EPP Number: NA **MBARS IT Number:** 217

Status: Substantially Completed – CHIMES-TANF, along with CHIMES-SNAP and other CHIMES enterprise architecture components are planned for implementation in the fall of 2012.

Funding: Funded

3. Supplemental Nutrition Assistance Plan (SNAP) Eligibility System Replacement (CHIMES-SNAP)

Description: The SNAP eligibility system project will replace the SNAP (previously food stamps) component of The Economic Assistance Management system (TEAMS), a mainframe-based system currently used in the eligibility determination, benefit distribution and program administration for the SNAP and TANF programs. In the face of ever growing federal changes to the SNAP program, increased requirements for safeguarding security and confidentiality, and aging technology, it is no longer cost-effective to attempt to meet future business needs with TEAMS enhancements.

MBARS EPP Number: NA **MBARS IT Number:** 217

Status: Substantially Completed – CHIMES-SNAP, along with CHIMES-TANF and other CHIMES enterprise architecture components are planned for implementation in the fall of 2012.

Funding: Funded

4. Healthy Montana Kids (HMK)

Description: In November 2008 Montana residents passed the Healthy Montana Kids Act. This act calls for the expansion and coordination of health coverage for children. The design, development, and implementation of the system to support this program are managed by the Technology Services Division (TSD).

MBARS EPP: NA **MBARS IT Number:** 216

Status: Completed – All functionality needed to support HMK eligibility has been fully implemented into CHIMES-Medicaid/HMK.

Funding: Funded

5. CAPS Enhancements

Description: With the delay of the Statewide Automated Child Welfare Information System (SACWIS) replacement build there will need to be several enhancements to the Child and Adult Protective Services (CAPS) system. These enhancements are necessary to be compliant with federal regulations.

MBARS EPP Number: NA **MBARS IT Number:** 219

Status: On-going – This work includes enhancements to CAPS, along with a modern safety assessment module that was initiated this year.

Funding: Funded

6. AWACS /SFSL

Description: The Agency Wide Accounting Client System (AWACS) provides a common financial application for integrating transactions into the Statewide Accounting, Budgeting, and Human Resources System (SABHRS). The Shared Fiscal Services Layer (SFSL) being built for SNAP/TANF will serve as a replacement, modernizing business processes by sharing common tools and functionality.

MBARS EPP: NA **MBARS IT Number:** NA

Status: Substantially Completed – SFSL, along with other CHIMES enterprise architecture components are planned for implementation in the fall of 2012.

Funding: Funded

7. Statewide Automated Child Welfare Information System (SACWIS) Replacement

Description: The Montana Automated Child Welfare Information System (MACWIS) project will replace Child and Adult Protective Services system (CAPS), the State's current SACWIS application. CAPS is a mainframe-based system used in the monitoring of foster care cases, adoption cases, provider contracts and licensing, financial accounting, payments for services to providers and reporting. In the face of ever growing federal changes to Child and Adult Protective Services, increased requirements for safeguarding security and confidentiality, and aging technology, it is no longer cost-effective to attempt to meet future business needs with CAPS enhancements. Implementation of this replacement has been delayed.

MBARS EPP Number: NA **MBARS IT Number:** 219

Status: Deferred – MACWIS was postponed and some of its budget reverted back to the general fund due to statutory budget actions during the 2011 legislative session.

Funding: Not Funded

8. Title: MMIS Fiscal Agent Contract

Description: The Department contracts with ACS (Affiliated Computer Systems) to maintain and update our Medicaid Management Information System (MMIS) and run our fiscal agent operations.

MBARS EPP: NA **MBARS IT Number:** 214

Status: On-going – ACS was acquired through corporate acquisition and is now known as Xerox.

Funding: Funded

9. CHIMES-Medicaid Maintenance and Support

Description: The CHIMES-Medicaid system went live October 1, 2009. Enhancements and maintenance will be managed by the Technology Services Division (TSD) through a contract with an outside vendor.

MBARS EPP: 90004 **MBARS IT Number:** 220

Status: On-going – The system is now known as CHIMES-Medicaid/HMK after enhancements to merge HMK with Medicaid eligibility functionality.

Funding: Funded

10. TEAMS Maintenance and Support

Description: The Economic Assistance Management System (TEAMS) is used for eligibility determination and benefits issuance for the SNAP and TANF (cash assistance) programs. Enhancements and maintenance of the TEAMS system is managed by the Technology Services Division (TSD) through a contract with an outside provider.

MBARS EPP Number: 90004 **MBARS IT Number:** 221

Status: On-going – TEAMS will be decommissioned and its data maintained in an archival mode after CHIMES-SNAP/TANF goes into production in the fall of 2012.

Funding: Funded

11. SEARCHS Maintenance and Support

Description: The System for Enforcement and Recovery of Child Support (SEARCHS), the State's current Child Support System, is used in the enforcement and recovery of child support, financial accounting, payments, and reporting. Enhancements and maintenance of the SEARCHS system is managed by the Technology Services Division (TSD) through a contract with an outside provider.

MBARS EPP Number: 90004 **MBARS IT Number:** 222

Status: On-going

Funding: Funded

12. KIDS Maintenance and Support

Description: Kids Insurance Determination System (KIDS) supports Montana’s Child Health Insurance Program (CHIP). Primary functions include eligibility determination, financial management, contracting and reporting. Enhancements and maintenance of the KIDS system is managed by the Technology Services Division (TSD) through a contract with an outside provider.

MBARS EPP Number: NA

MBARS IT Number: 224

Status: Cancelled – All functionality in KIDS has been fully transferred to CHIMES-Medicaid/HMK.

Funding: Funded – Funding has been moved to Initiative #9.

13. CDS/HMIS Maintenance, Support and Enhancement

Description: The Central Database System (CDS) is used in support of the Human Resource Development Councils in the delivery of services to low-income residents of Montana in the critical areas of LIEAP heat assistance, Weatherization, Energy Share, Community Service Block grant programs and many other programs. The Homeless Management Information System (HMIS) is used by Montana service providers such as Emergency Shelters, Transitional Housing and Permanent Supportive Housing so they may have the opportunity of utilizing a Management Information System to track client information and report progress. This includes replacing the 20+ year old commodities system.

MBARS EPP Number: NA

MBARS IT Number: 227

Status: On-going

Funding: Funded

14. CAPS/OPM Maintenance and Support

Description: The Child and Adult Protective Services (CAPS) system supports case management for child protective services, services to juvenile probation and parole, payments, and licensing activities. It is used to monitor, track and make provider and beneficiary payments for Child and Adult protective services, including foster care, subsidized adoption, and elder abuse. Operation Protect Montana (OPM) supports case management for Senior Long Term Care Division (SLTC)/Adult Protective Services (APS). Enhancements and maintenance of the CAPS and OPM systems is managed by the Technology Services Division (TSD) through a contract with an outside provider.

MBARS EPP Number: 90004

MBARS IT Number: 218

Status: On-going

Funding: Funded

15. CCUBS Maintenance and Support

Description: Child Care Under the Big Sky (CCUBS) supports Montana’s child care program. Primary functions include child care licensing, provider inspection, family eligibility determination for subsidy & payment processes, and quality improvement program contract management. CCUBS interfaces with TEAMS, CAPS, CDS and the MSU Practitioner Registry. Enhancements and maintenance of the CCUBS system is managed by the Technology Services Division (TSD) through a contract with an outside provider.

MBARS EPP Number: NA

MBARS IT Number: 225

Status: On-going

Funding: Funded

16. HIT

Description: The Department will provide technical consulting services to identify needs of critical access hospitals and to support implementation of HIT, including electronic health records, health information exchanges, connectivity issues related to linking facilities, IT security and HIPAA compliance. Emphasis will be placed on assistance and training for achieving meaningful use requirements as defined by the Office of the National Coordinator for HIT and CMS, and to explore feasibility of sharing HIT infrastructure and staff. The HIT consultant will also coordinate and integrate efforts with DPHHS State Medicaid Health Information Technology Plan, HealthShare Montana (Montana's State Designated Entity for HIE), Mountain Pacific Quality Health (regional extension center for development of HIT), and MHA HIT Task Force.

MBARS EPP: NA

MBARS IT Number: NA

Status: On-going

Funding: Funded

17. NEDSS Based Systems (NBS) Implementation

Description: The National Electronic Disease Surveillance System (NEDSS) supports routine surveillance activities associated with the rapid reporting of disease trends to control outbreaks. The NEDSS platform allows states to enter, update and electronically transmit demographic and notifiable disease data to the Centers for Disease Control and Prevention (CDC). The support of this system is transitioning to be managed by the Information Systems Bureau of the Technology Services Division.

MBARS EPP: NA

MBARS IT Number: NA

Status: Completed – Now known as MIDIS, the Department now fully hosts the NEDSS platform.

Funding: Funded

18. TARTS

Description: The Time Allocation and Request Tracking System (TARTS) will replace the TSD request tracking system known as SMART. TARTS will keep track of work requests and/or activities and the time recorded to each one by individuals assigned to these tasks. It will provide activity reporting and cost allocation reporting and will be used by up to 13 different units within DPHHS, including Office of Legal Affairs and Human Resources.

MBARS EPP: NA

MBARS IT Number: NA

Status: Completed

Funding: Funded

19. Immunization Registry Replacement Feasibility Study

Description: The Public Health and Safety Division is conducting a study to determine the feasibility of different options for a new immunization registry.

MBARS EPP: NA

MBARS IT Number: NA

Status: Completed – The assessment was completed, which led to a procurement and implementation of a new immunization registry with modern capabilities.

Funding: Funded

20. Benefits EBT Replacement Feasibility Study

Description: The Department will be conducting a feasibility study to determine the feasibility of outsourcing EBT services used for TANF and SNAP in lieu of running its own system.

MBARS EPP: 90004

MBARS IT Number: NA

Status: Completed – This study is complete and an RFP is being prepared for state and federal review.

Funding: Funded

21. WIC EBT

Description: The Department intends to implement Electronic Benefit Transfer (EBT) for WIC. In preparation, the Department will procure a qualified vendor to perform EBT planning and analysis activities specific to the needs of the WIC program. The project goals are to identify the needs of the WIC program and assist in the decision of implementing a new EBT process or modifying an existing EBT process.

MBARS EPP: NA

MBARS IT Number: 235

Status: On-going – This assessment is being done in tandem with Initiative #20.

Funding: Funded

22. SEARCHS Replacement Planning

Description: The System for Enforcement and Recovery of Child Support (SEARCHS) is the State's current Child Support System. SEARCHS is a mainframe-based system used in the enforcement and recovery of child support, financial accounting, payments, and reporting. In the face of ever growing federal changes and aging technology, it is no longer cost-effective to enhance and maintain the current system. The State anticipates conducting a feasibility study for replacing the legacy system.

MBARS EPP Number: NA

MBARS IT Number: 223

Status: Deferred

Funding: Not Funded

23. Facilities Electronic Health Records

Description: Assess the needs and capabilities of the systems in the institutions to be in compliance with and obtain the benefits from the various Health Information Technology (HIT) and Electronic Health Records (EHR) initiatives currently underway nationwide.

MBARS EPP: NA

MBARS IT Number: NA

Status: On-going – An assessment project is set to being in the fall of 2012.

Funding: Funded

24. Facilities Document Imaging

Description: DPHHS facilities would benefit from document imaging which would allow them to create an efficient and paperless office.

MBARS EPP: NA

MBARS IT Number: NA

Status: Deferred – Pending the results of Initiatives #23 and #25.

Funding: Not Funded

25. PAB Document Imaging Project

Description: Develop and implement a paperless document management system by imaging documents and storing them in an electronic file. The project includes infrastructure, software, licensing, support personnel, training, and customer support along with the needed scanners and personal computers. Scanning documents for active cases at OPA's is included in the scope.

MBARS EPP: NA

MBARS IT Number: NA

Status: Completed

Funding: Funded

26. Upgrade and Enhance State Laboratory Systems

Description: The DPHHS Laboratory Services Bureau uses three data systems to provide clinical and environmental testing services and billing for those services. Electronic laboratory reporting, where testing results are automatically reported to the submitters' data system, will be required in the near future. The current data systems will need to be upgraded to meet this requirement.

MBARS EPP: NA

MBARS IT Number: NA

Status: Deferred

Funding: Not Funded

27. TPL Case Management System/Database

Description: This system will replace a Microsoft Access database that does not have the capabilities to store and organize the many types of data necessary for case management of Third Party Liability cases that ultimately return monies to the state.

MBARS EPP: NA

MBARS IT Number: 228

Status: Deferred

Funding: Not Funded

28. TPL Data Matching System

Description: This system will have connections to health insurers' data systems that will provide better data on third party resources owned by clients whose medical costs were originally paid by Medicaid.

MBARS EPP: NA

MBARS IT Number: 229

Status: Deferred

Funding: Not Funded

29. QAD Licensing Bureau Health Care Facilities Database

Description: This system will replace a Microsoft Access database with more capabilities to gather, store and retrieve data and create the efficiencies for provider application/renewal submission.

MBARS EPP: NA

MBARS IT Number: 230

Status: On-going – A project to implement a new health care facility licensing system was initiated the summer of 2012.

Funding: Funded

30. Medical Marijuana Check Scanner

Description: A check scanner will improve efficiencies in Medical Marijuana application processing by scanning data on checks that is currently hand entered into the database. It will also facilitate good internal control by allowing the association of check data with applications.

MBARS EPP: NA

MBARS IT Number: 233

Status: Complete

Funding: Funded

31. Mainframe Increases

Description: The DPHHS has seen a steady increase over the past three years in system mainframe utilization. These increases are from a range of issues including, but not limited to, lengthier processing time to enact a data request or entry, more detailed case study notes, and data storage for closed cases remaining on the system. Steps have been taken to attempt to reduce these increases including the purchase by D of A of a larger, newer and faster server. However, utilization and thus costs continue to rise.

MBARS EPP: NA

MBARS IT Number: NA

Status: Cancelled – Due in part to reduced utilization and the implementation of a new full-cost maturity model by the Department of Administration that has normalized rates.

Funding: Not Funded

32. Agency Year End Server Replacement

Description: The Technology Services Division is responsible for managing servers for the Department. As these servers reach end of life they must be replaced. Many of the systems that are mission critical for the Department are run on these servers.

MBARS EPP: NA

MBARS IT Number: NA

Status: Completed

Funding: Funded

33. M-SPIRIT Maintenance and Support

Description: M-SPIRIT is the new system for the Women, Infant, and Children (WIC) program. WIC provides milk, cheese and other healthy foods to women and children in need. The WIC program is in the process of testing the next release of M-SPIRIT which will allow upgrade to Windows Vista or Windows 7. Maintenance and support of M-SPIRIT is managed by the Technology Services Division (TSD) through a contract with an outside vendor.

MBARS EPP Number: NA

MBARS IT Number: 236

Status: On-going

Funding: Funded

34. Big Sky Rx Maintenance and Support

Description: Big Sky Rx supports Montana's program to help pay monthly premiums for people with Medicare prescription drug coverage. Enhancements and maintenance of the Big Sky Rx system is managed by the Technology Services Division (TSD) through a contract with an outside provider.

MBARS EPP Number: NA

MBARS IT Number: NA

Status: On-going

Funding: Funded

35. Montana Access (EBT) Maintenance and Support

Description: Electronic Benefits Transfer (EBT), aka Montana Access, is used to electronically disburse SNAP benefits and Temporary Assistance for Needy Families (TANF) cash payments. It is also used for electronic reimbursement of retailers and financial institutions. Enhancements and maintenance of the EBT system is managed by the Technology Services Division (TSD) through a contract with an outside provider.

MBARS EPP Number: NA

MBARS IT Number: 213

Status: On-going

Funding: Funded

36. DDP Subsystem Maintenance and Support

Description: Maintenance and support of the Developmental Disabilities Program (DDP) AWACS subsystem is managed by the Technology Services Division (TSD) through a contract with an outside vendor.

MBARS EPP: NA

MBARS IT Number: 209

Status: On-going

Funding: Funded

37. CACFP Maintenance and Support

Description: The Child and Adult Care Food Program (CACFP) tracking and reporting system supports the administration of the Child and Adult Care Food Program in Montana. This program pays for nutritious meals for approximately 15,000 children in child care programs across the state. Enhancements and maintenance of the system is managed by the Technology Services Division (TSD) through a contract with an outside provider.

MBARS EPP: NA

MBARS IT Number: NA

Status: On-going

Funding: Funded

38. CHRIS Maintenance and Support

Description: The Child Health Information and Referral System (CHRIS) provides Children's Special Health Services; the Western Eastern North Central and South Central Regional Pediatric Clinics; the Newborn Screening Programs; and the Montana School for the Deaf and Blind with a client management system for tracking and reporting services provided to children with special health care needs. Enhancements and maintenance of the system is managed by the Technology Services Division (TSD) through a contract with an outside provider.

MBARS EPP: NA

MBARS IT Number: NA

Status: On-going

Funding: Funded

39. HIPPS Maintenance and Support

Description: The Health Insurance Premium Payment System (HIPPS) electronically receives referrals for the Health Insurance Premium Payment program from the Medicaid eligibility system and enables Third Party Liability (TPL) staff to determine if paying health insurance premiums with Medicaid funds is cost effective for qualifying individuals. HIPPS is managed by the Technology Services Division (TSD) through a contract with an outside vendor. The Department is replacing its current system with a modern web-based system that increases its functionality and interoperability.

MBARS EPP: NA

MBARS IT Number:226

Status: On-going

Funding: Funded

40. Upgrade CDS HMIS to JAVA

Description: Upgrade the CDS/HMIS systems to web-based systems developed in JAVA.

MBARS EPP: NA

MBARS IT Number: 231

Status: Cancelled

Funding: Not Funded

41. Additional IT Staffing for AMDD

Description: AMDD has identified the need for additional IT related personnel to support its facilities and provide the necessary skills and redundancy needed to support its current and future systems.

MBARS EPP: NA

MBARS IT Number: NA

Status: Cancelled

Funding: Not Funded

42. Substance Abuse Management System (SAMS)

Description: The Substance Abuse Management System (SAMS) manages provider/client screening, admission, assessment, diagnosis, placement, treatment/services, discharge and follow up for both inpatient and outpatient treatment of chemical dependency and establishes financial eligibility for assistance from state programs and provides extensive information to the Department. SAMS also provides extensive reporting for Federal, State, and local entities, and the state contracted providers of Substance Abuse and Substance Dependence treatment. In addition, SAMS manages the mandatory admission, treatment and discharge for those convicted of Driving Under the Influence.

MBARS EPP: NA

MBARS IT Number: NA

Status: On-going

Funding: Funded

43. Resident Account System Replacement

Description: The Resident Account System (RAS) is used to track institutionalized clients' personal funds. The current system runs on the Department of Corrections AS/400 using non-state standard technology and is no longer able to be cost-effectively enhanced to support program needs. Its functionality could be moved to another system such as TIER, an electronic medical records system, MICRS (an electronic institutional billing system), or an off-the-shelf module.

MBARS EPP: NA

MBARS IT Number: NA

Status: Completed

Funding: Funded

44. Nurse Aide Registry Database

Description: This new database will replace an aging Microsoft Access database and provide new functionality for processing applications online and renewing certifications online. This registry is a federal requirement.

MBARS EPP: 80001

MBARS IT Number: NA

Status: On-going

Funding: Funded

SECTION 3: ADDITIONAL INFORMATION - OPTIONAL

The 2011 biennium initiated several key projects that began to fulfill the Department's vision of web-based, people-friendly, and interoperable systems that are capable of meeting and exceeding program needs. Enterprise architecture is the centerpiece of this shift from the present to the future. The architecture will allow separate, standalone systems to communicate using shared services through a common architecture. Users will be able to access data from multiple systems seamlessly. The use of enterprise architecture will reshape the way the Department serves Montanans with its systems.

For system interoperability, the Department intends to employ a Service Oriented Architecture (SOA) that will take advantage of COTS products and allow for the reuse of system components across business functions as services. Service oriented architecture is an approach to loosely coupled, protocol independent, standards-based distributed computing where software resources expose their functionality as services and are available on the network. The Department will implement standards-based interoperability that makes use of multiple industry standards.

The Department also envisions an enterprise data warehouse that will enable the reporting and analytics essential in the assessment of program performance and efficacy, particularly for evaluating the impact and correlation of services from multiple programs and agencies over time as it affects a single client or a population. Accordingly, internally and externally hosted systems will have the capability to transmit data to a data warehouse and other databases within the Department.

Finally, for future healthcare systems, the Department will rely on the Medicaid Information Technology Architecture (MITA) principles associated with high-quality software systems (e.g., scalability, adaptability, secure ability, availability, manageability, and interoperability) as the basis for the system architecture. To this end, the Department is replacing its Medicaid Management Information System (MMIS) with one that is fully aligned with the MITA standard. The Department intends to adhere to the MITA roadmap for controlled and strategic transformation for all Medicaid programs and systems.